Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 32. (canceled)

33. (currently amended) A data repository node, comprising

an interface operative to communicate with client nodes and at least one other distributed data repository node over a computer network, and

a mapping module comprising a content map comprising one or more content map entries, each content map entry comprising a unique identifier and one or more record chunks associated with the unique identifier, each of the record chunks comprising a binary data object, and at least one index map comprising one or more index map entries, each index map entry comprising a unique identifier corresponding to one or more record chunks maintained in the content map and one or more record attribute values of the record chunks corresponding to an attribute; wherein the mapping module is operative to

receive a request to insert a record from a first client node;

generate a unique identifier in response to the record insertion request;

transmit the unique identifier to the client node;

receive an insertion message including the unique identifier and at least one record attribute value;

store the at least one record attribute value associated with the insertion message in a corresponding index map in association with the unique identifier;

receive record chunks of a data stream corresponding to the unique identifier from the client node;

store the record chunks in the content map in association with the unique identifier;

receive a query from a second client node, wherein the record satisfies the query;

provide, to the second client node, the record chunks associated with the unique identifier corresponding to the record; and

stream additional record chunks of the data stream to the second client node as they

are received from the first client node.

34. (currently amended) The data repository node of claim 33 wherein the mapping module is further operative to

  synchronize the record attribute values in the at least one index map with record attribute values of at least one index map maintained by the at least one other distributed data repository node nodes.

35. (original) The data repository node of claim 34 wherein the module is further operative to transmit the record chunks to at least one other data repository node for replication.

36. (previously amended) A distributed data repository system, comprising

  at least two distributed repository nodes, each distributed repository node comprising

    a content map containing at least one message payload stored in association with a message payload identifier, and

    at least one index map containing at least one content attribute value and a corresponding message payload identifier;

wherein each distributed repository node is operative to

    receive a request to insert a record from a first client node;

    generate a unique identifier in response to the record insertion request;

    transmit the unique identifier to the client node;

    receive an insertion message including the unique identifier and at least one record attribute value;

    store the at least one record attribute value associated with the insertion message in a corresponding index map in association with the unique identifier;

    receive record chunks of a data stream corresponding to the unique identifier from the client node;

    store the record chunks in the content map in association with the unique identifier;

    receive a query from a second client node, wherein the record satisfies the query;

provide, to the second client node, the record chunks associated with the unique identifier corresponding to the record;

stream additional record chunks of the data stream to the second client node as they are received from the first client node;

synchronize the record attribute values in the at least one index map with record attribute values of at least one index map maintained by the at least one other distributed data repository nodes.

37. (original) The data repository node of claim 36 wherein each distributed data repository node is further operative to transmit the record chunks to at least one other data repository node for replication.

38. (original) The data repository node of claim 36 wherein each distributed data repository node is further operative to request and receive from at least one other distributed data repository node record chunks that match a query received from a client node.

39. (previously presented) The data repository node of claim 33 wherein each distributed data repository node is further operative to transmit notifications to other distributed data repository node to reserving the unique identifier.

40. (currently amended) The data repository system node of claim 36 wherein each distributed data repository node is further operative to transmit notifications to other distributed data repository node to reserving the unique identifier.